

Sheet 1 of 1Form PTO-1449
(REV. 8-83)US Dept. of Commerce
PATENT & TRADEMARK OFFICEATTY DOCKET NO.
111063APPLICATION NO.
09/986,113

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S)
Tooru AOYAMA et al.FILING DATE
November 7, 2001GROUP
2838

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
PC	5,352,971	10/04/1994	Nishimura	322	27

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
PC	EP 0 299 807 A2	01/18/1989	Europe	—	—
PC	EP 0 438 884 A1	07/31/1991	Europe	—	—
PC	DE 199 29 060 C1	10/05/2000	Germany	—	—

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER

PC

DATE CONSIDERED

6/25/03

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: March 11, 2003

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 111063		APPLICATION NO. 09/986,113	
<div style="display: flex; align-items: center;"> <div style="border: 2px solid black; border-radius: 50%; padding: 10px; text-align: center; margin-right: 10px;"> O I P E DEC 05 2001 PATENT & TRADEMARK OFFICE </div> <div> INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) </div> </div>				APPLICANTS Tooru AOYAMA et al.			
				FILING DATE November 7, 2001			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	1	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
<i>BC</i>		5,581,172	12/03/1996	Iwatani et al.	322	28	
		/	/	/			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
<i>BC</i>	2	JP A 8-98430	04/12/1996	JAPAN	—	—	
<i>BC</i>	3	JP A 7-289000 w/abstract	10/31/1995	JAPAN	—	—	
<i>BC</i>	4	JP A 5-122999 w/ abstract	05/18/1993	JAPAN	—	—	
<i>BC</i>	5	JP A 8-289596 w/ abstract	11/01/1996	JAPAN	—	—	
<i>BC</i>	6	JP B2 6-83550 w/ abstract	10/19/1994	JAPAN	—	—	
<i>BC</i>	7	JP B2 3070788 w/ abstract	05/26/2000	JAPAN	—	—	
<i>BC</i>	8	JP A 6-38398 w/ abstract	02/10/1994	JAPAN	—	—	
<i>BC</i>	9	JP A 6-311799 w/ abstract	11/04/1994	JAPAN	—	—	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
		<div style="font-size: 4em; transform: rotate(-45deg); opacity: 0.5;">X</div>					
EXAMINER				DATE CONSIDERED			
<div style="position: relative; height: 100%;"> G. P. Curvas </div>				6/25/03			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							